

FIG. 1

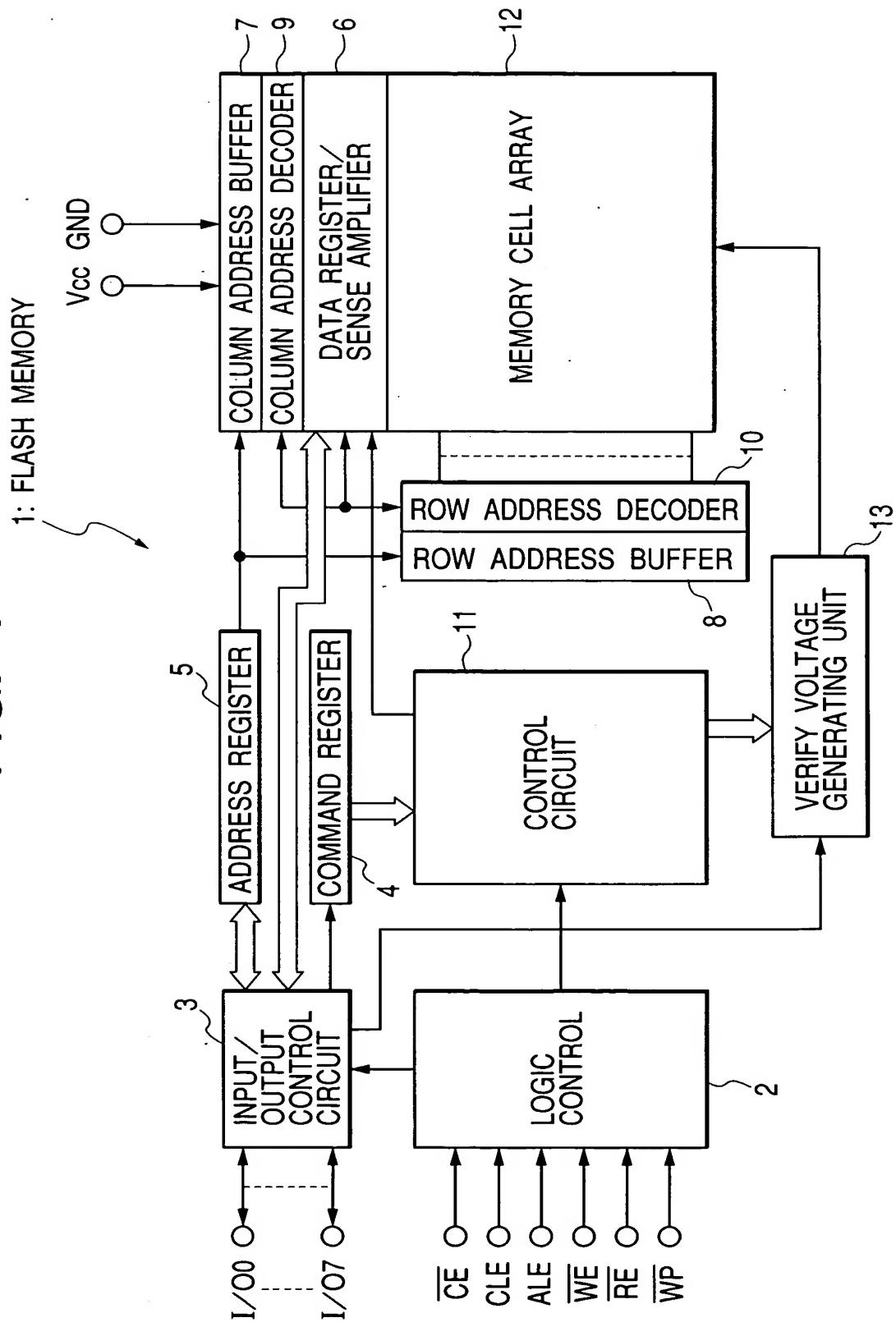


FIG. 2

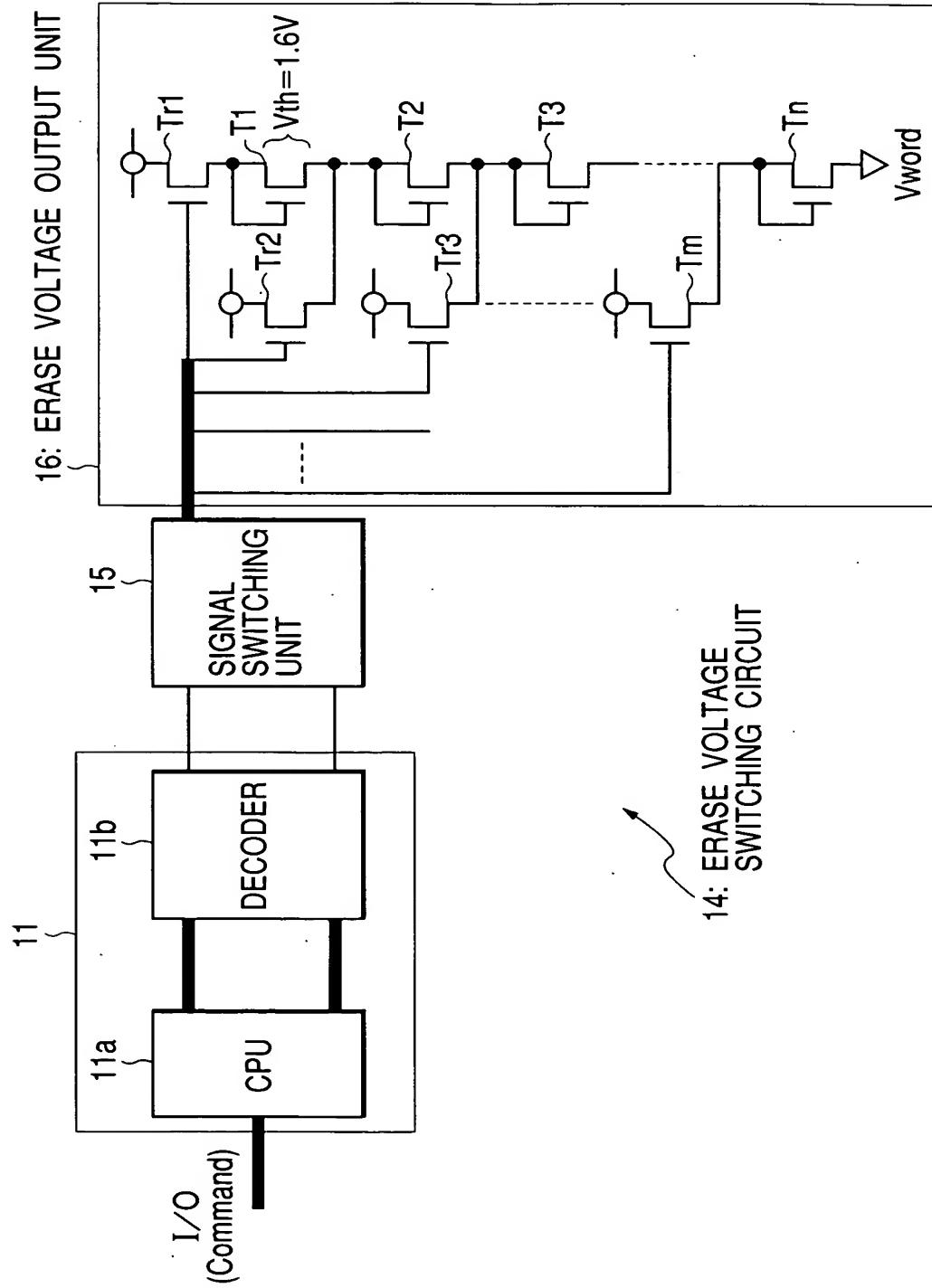


FIG. 3

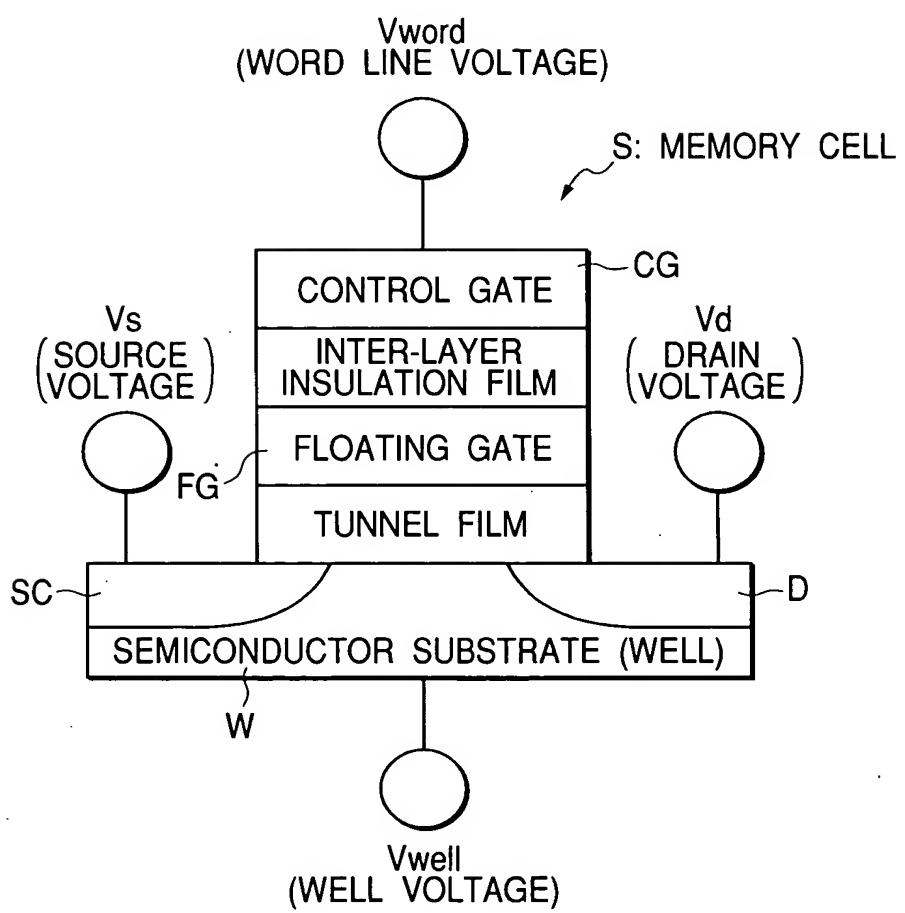


FIG. 4(a)

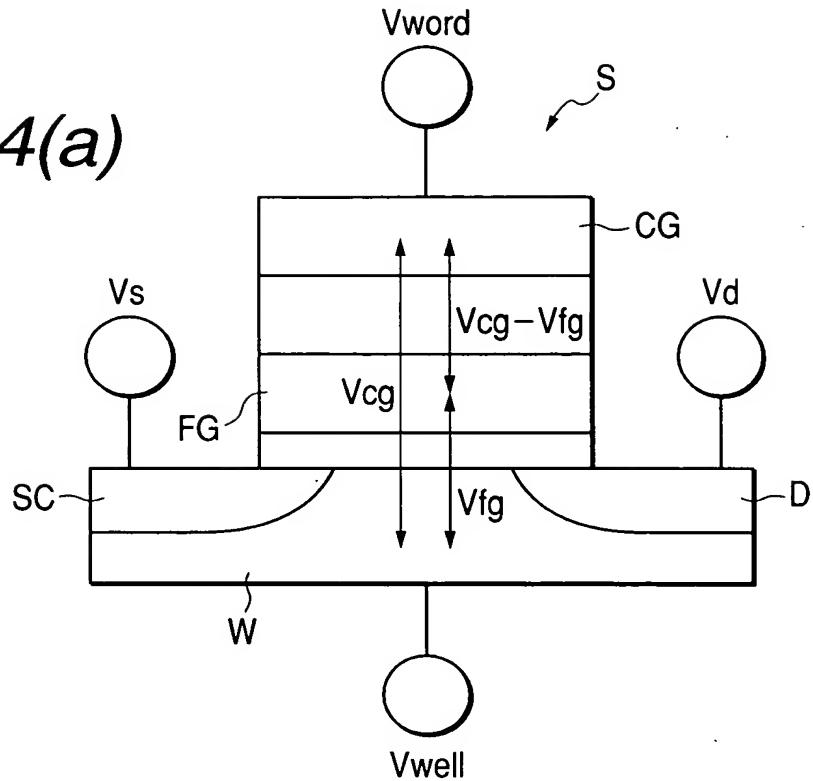
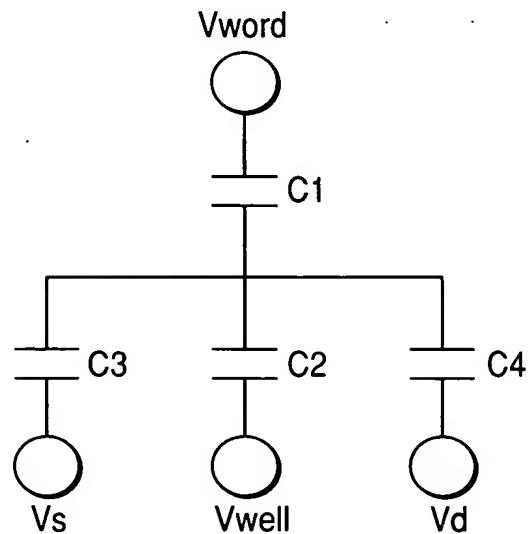


FIG. 4(b)



$$C_r = C_2 / (C_1 + C_2)$$

$$C_d = C_3 / (C_1 + C_2) \quad C_s = C_4 / (C_1 + C_2)$$

$$V_{fg} = C_r \cdot (V_{cg} - V_{th} + V_{hi}) + C_d \cdot V_d + C_s \cdot V_s$$

$$\text{NOTE: } V_{cg} = V_{word} - V_{well}$$

ELECTRICAL FIELD OF INTER-LAYER FILM = $V_{cg} - V_{fg}$

V_{thi} = V_{th} IN THERMALLY EQUILIBRATED STATE

FIG. 5

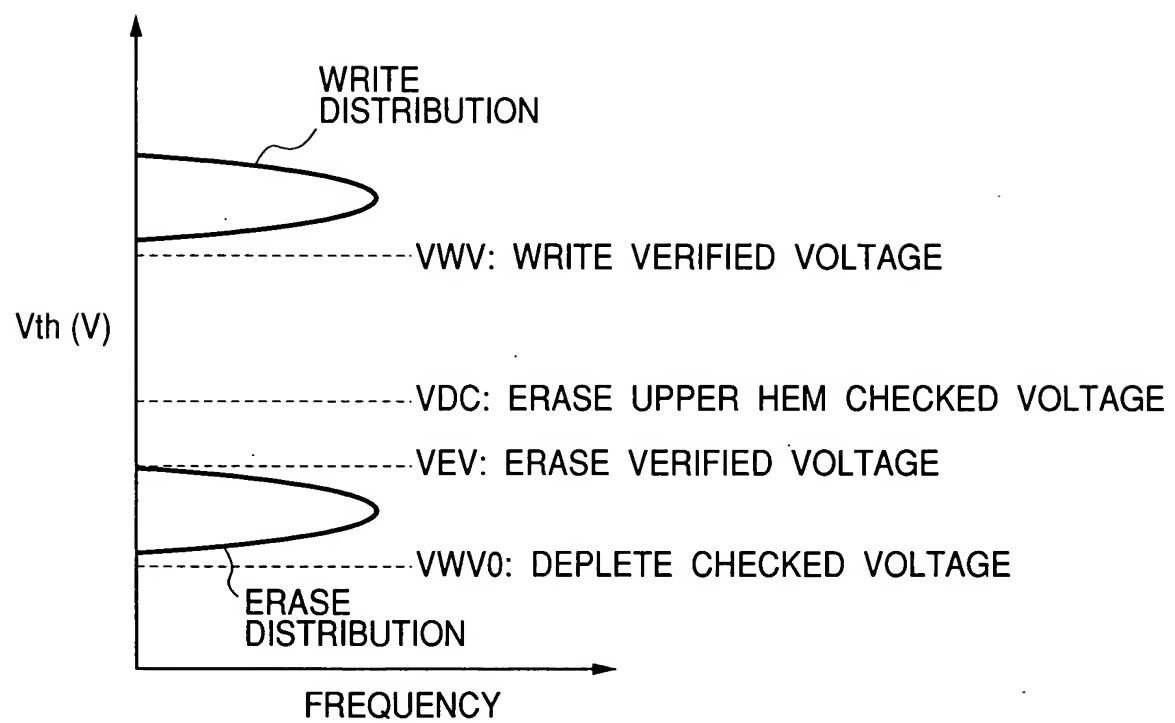


FIG. 6

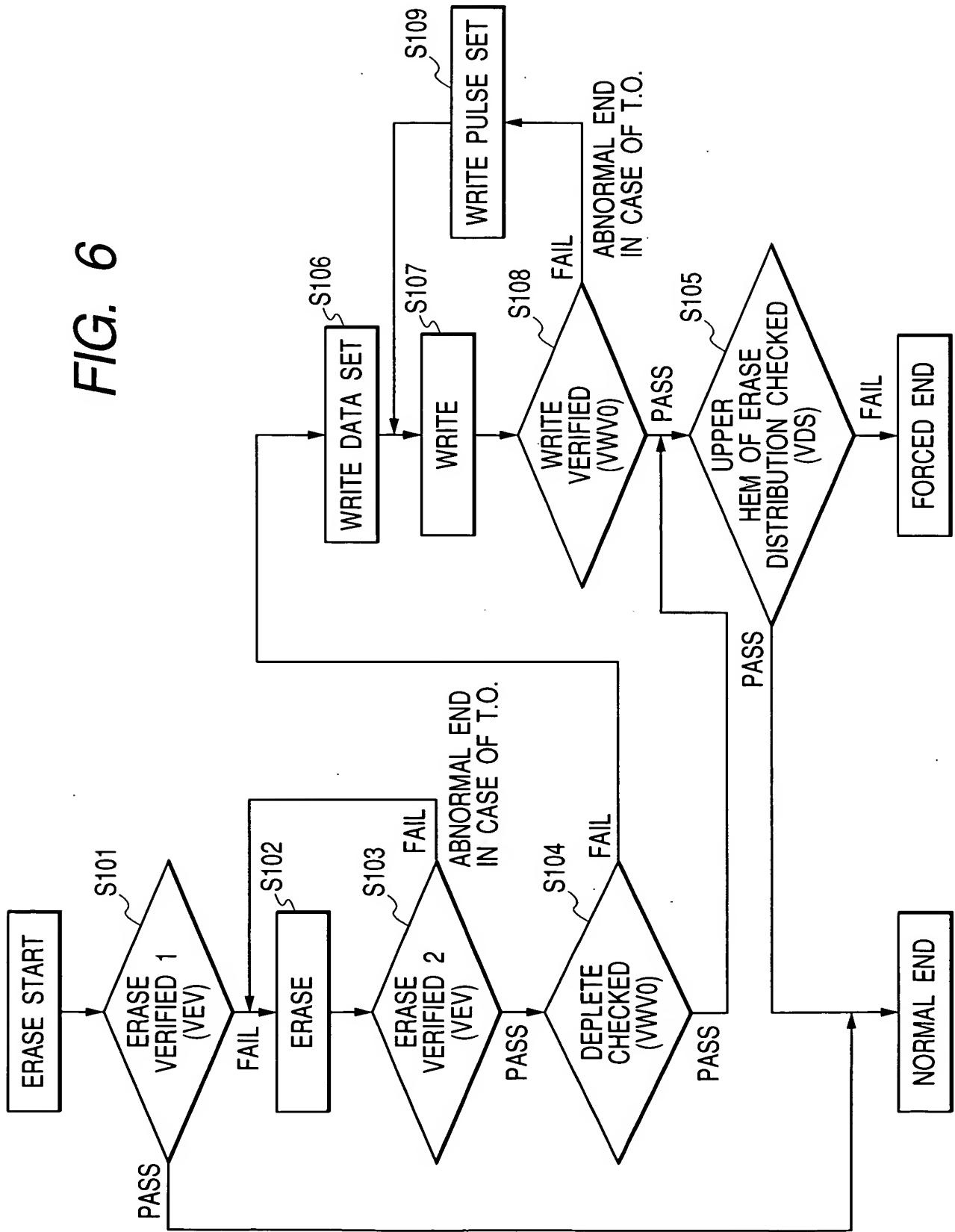


FIG. 7

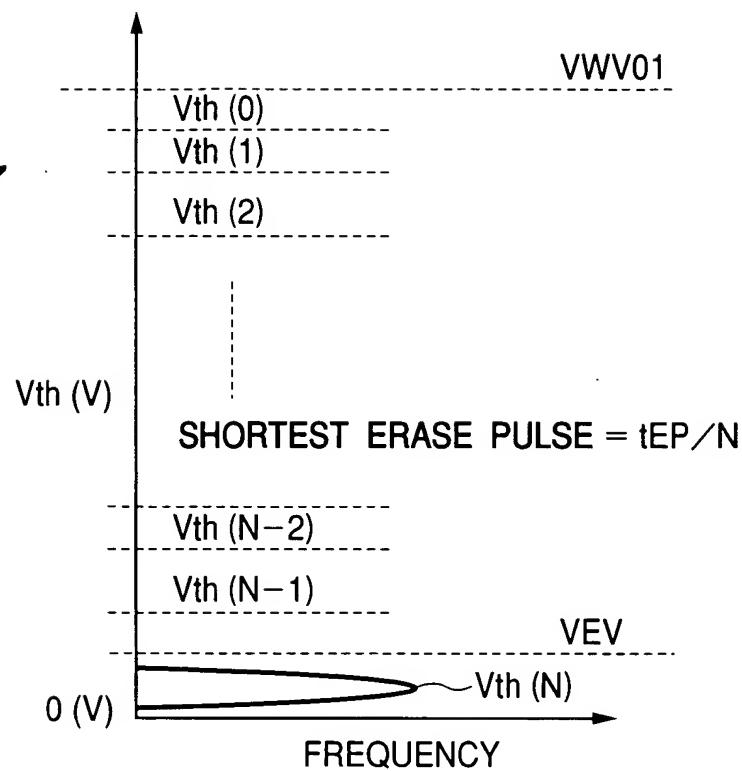


FIG. 8

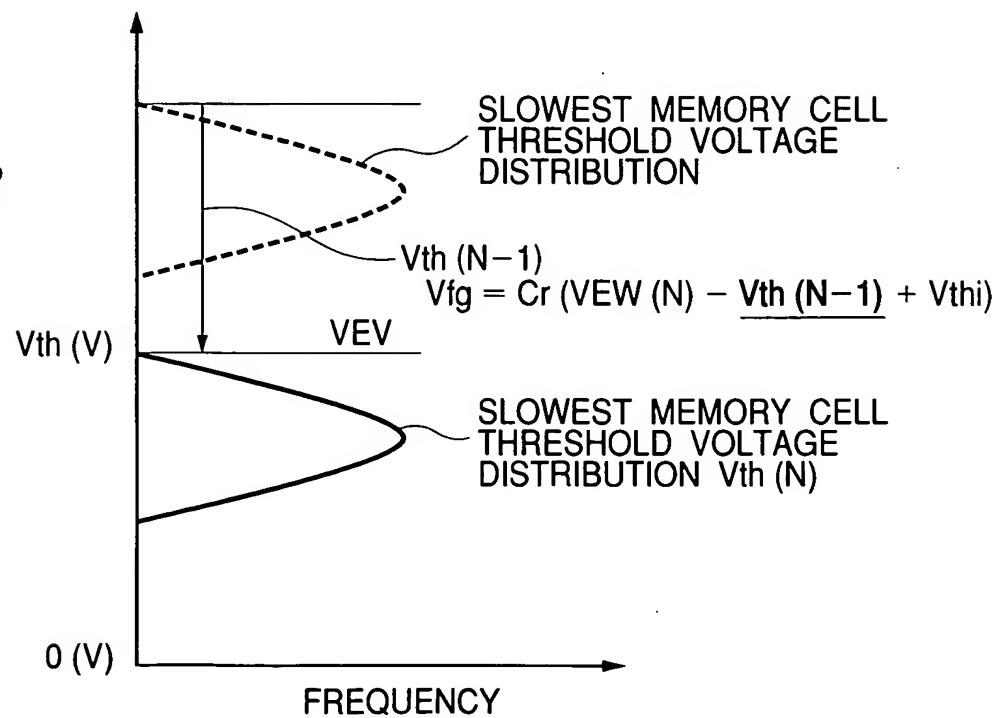


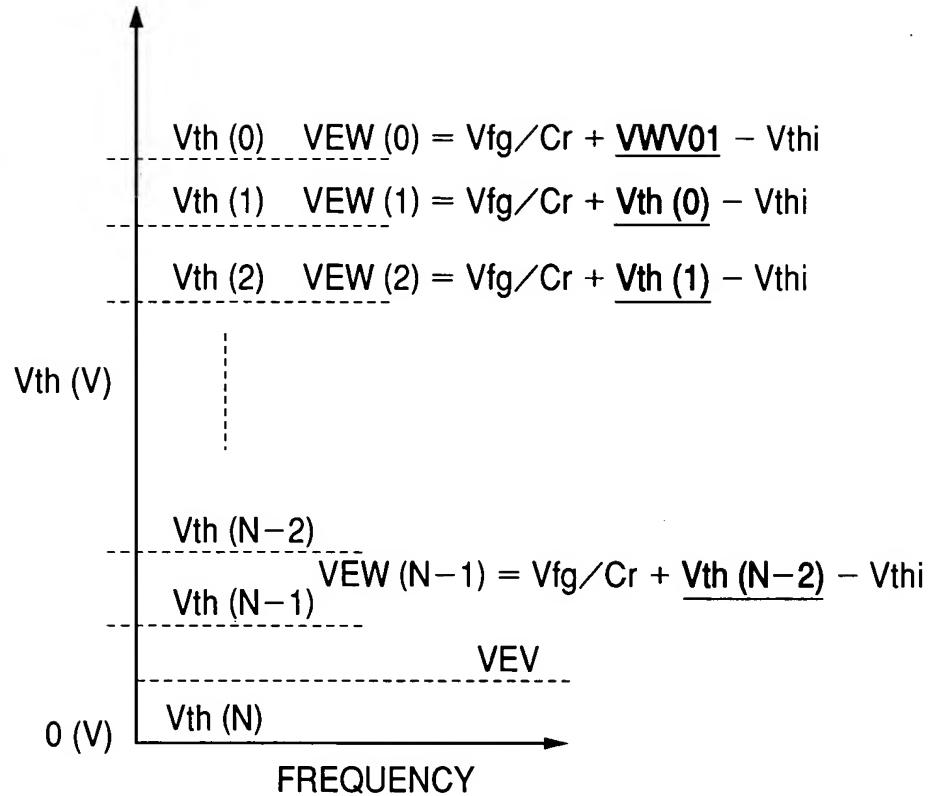
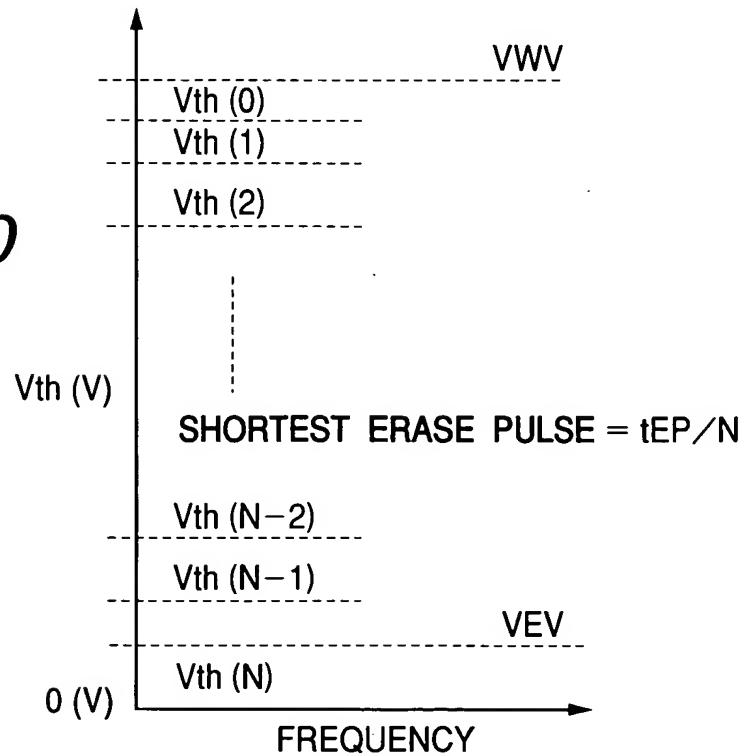
FIG. 9**FIG. 10**

FIG. 11

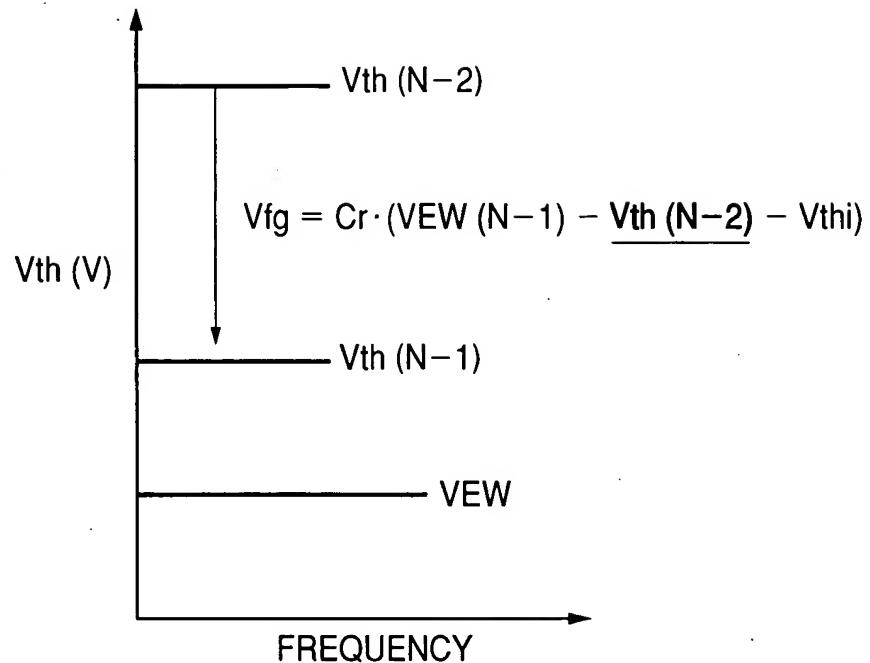


FIG. 12

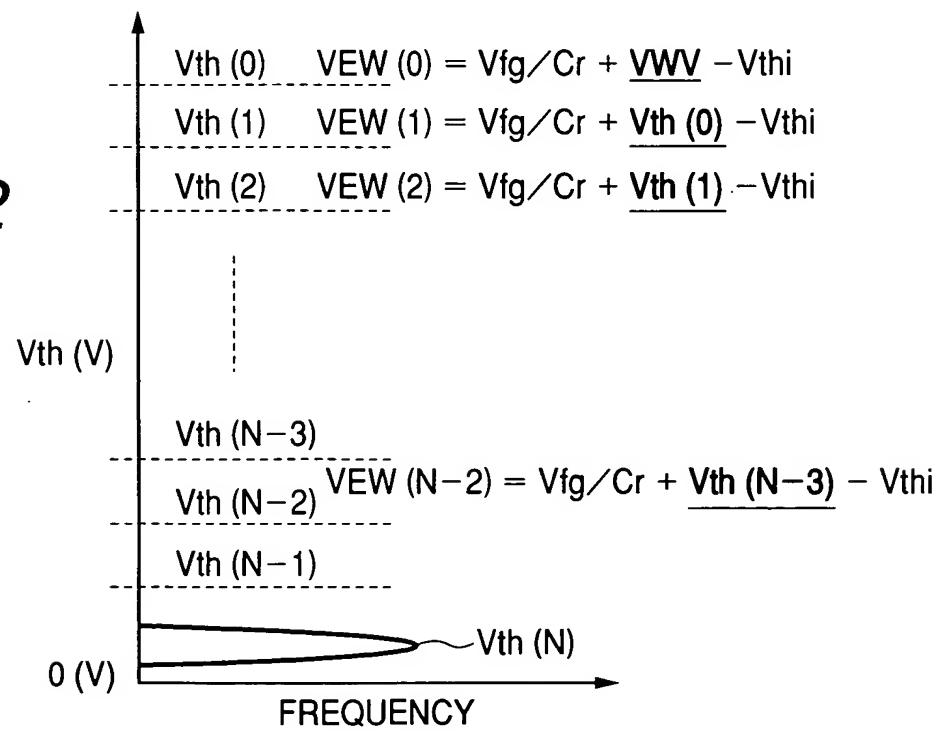


FIG. 13

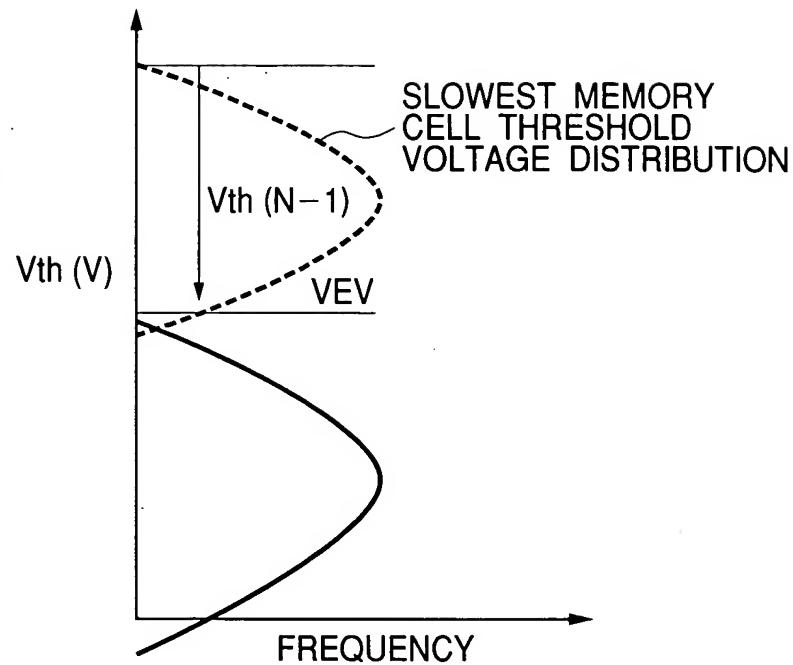


FIG. 14

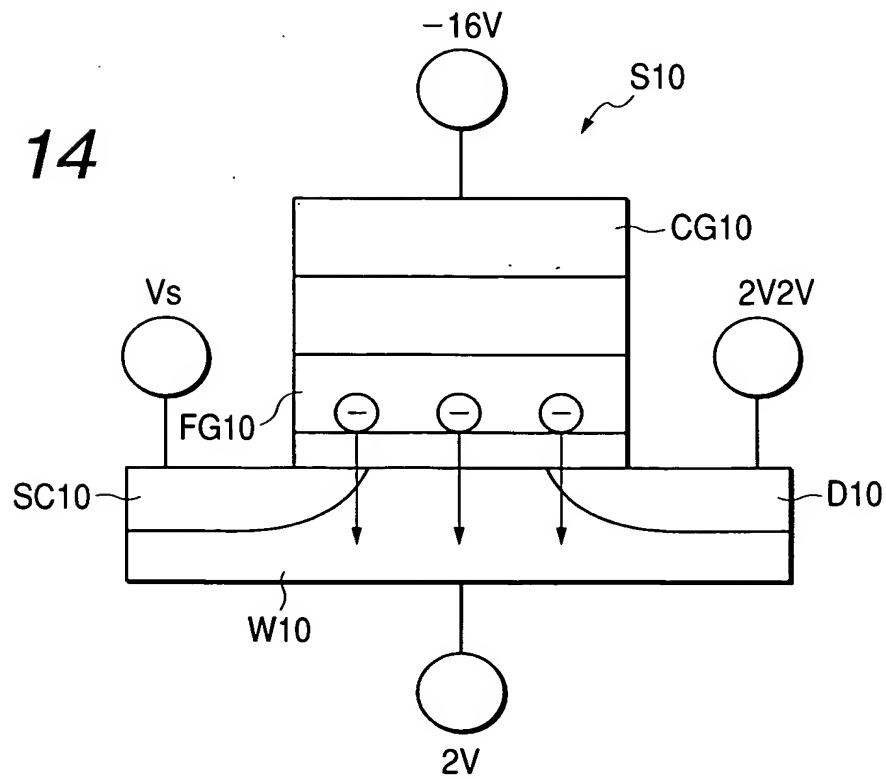


FIG. 15

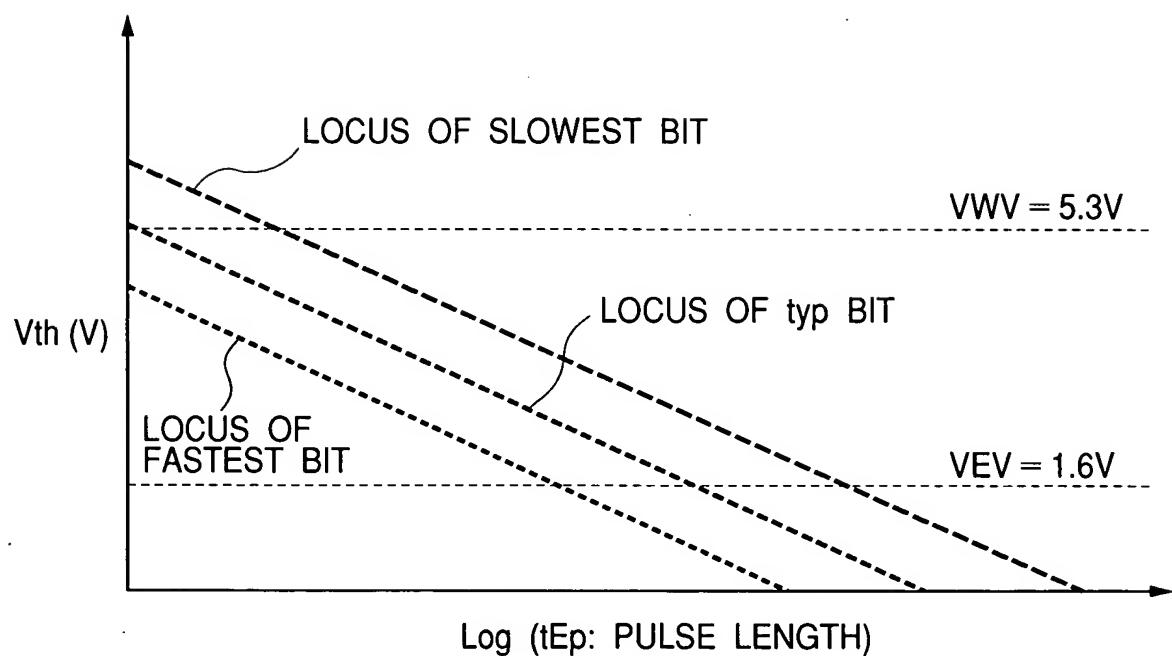


FIG. 16

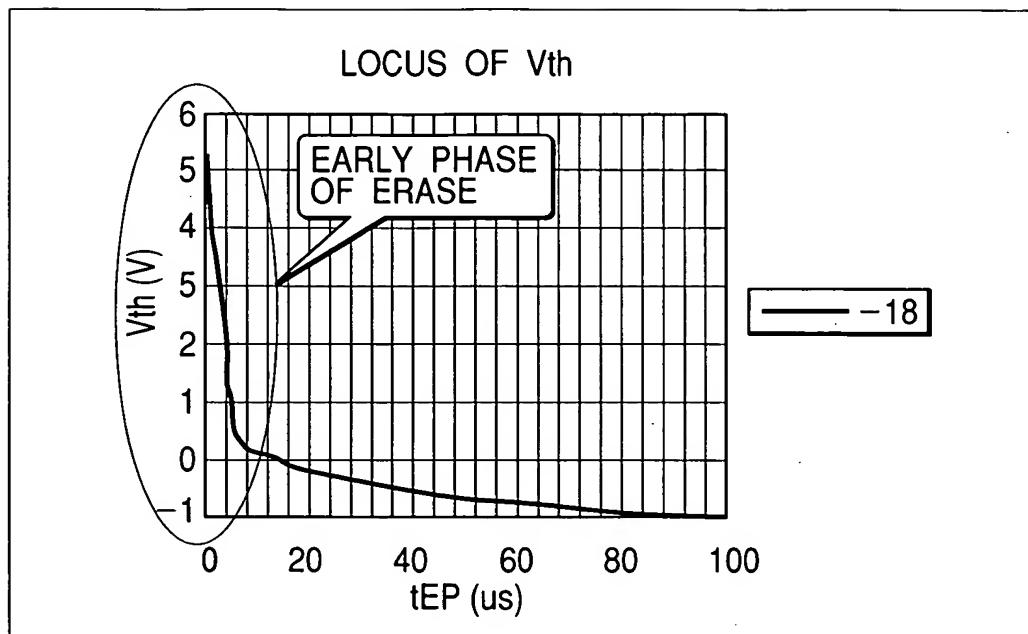


FIG. 17

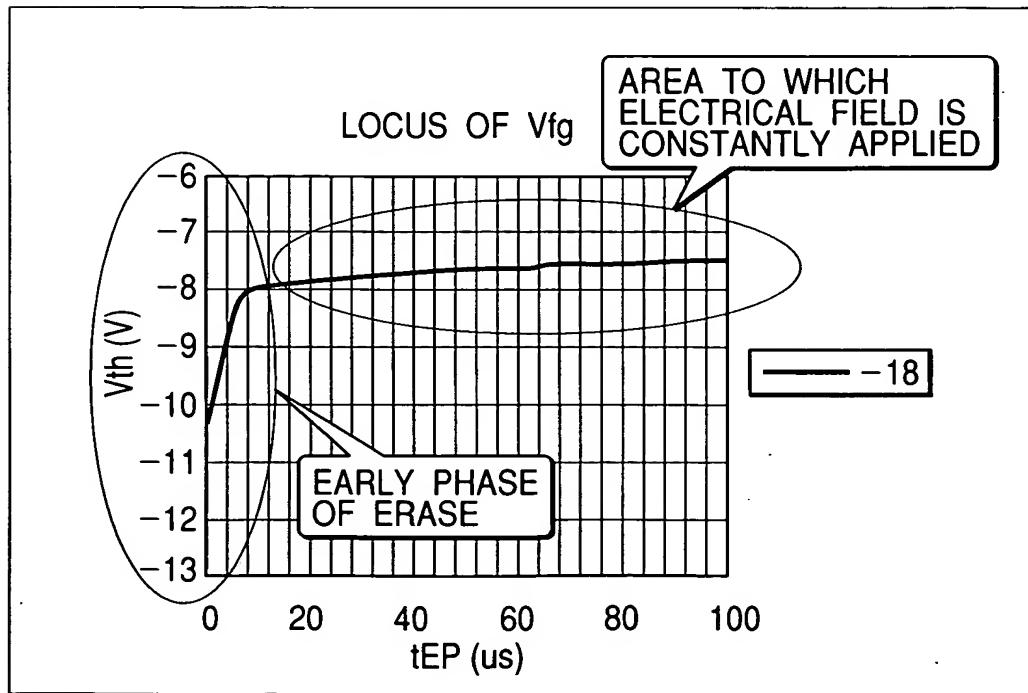


FIG. 18

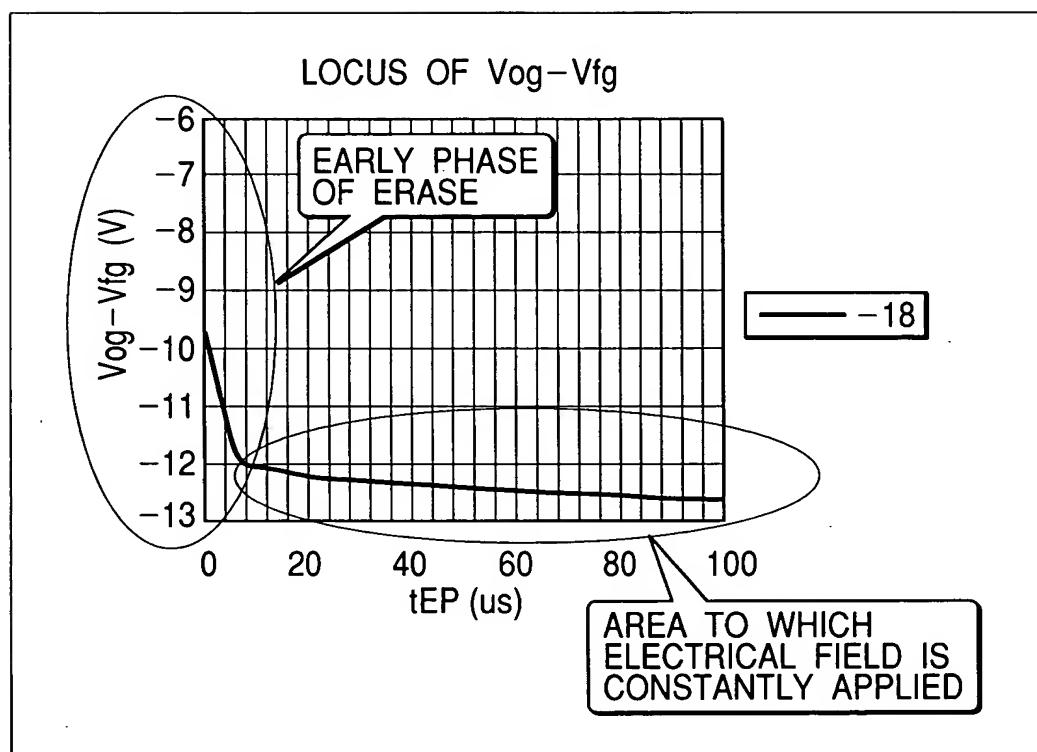


FIG. 19

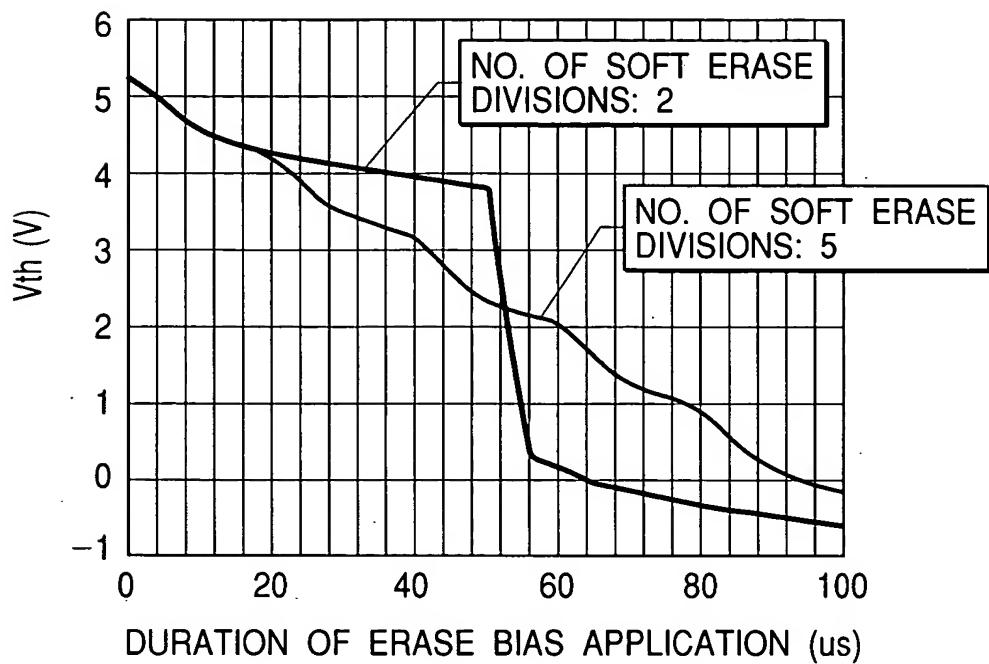


FIG. 20

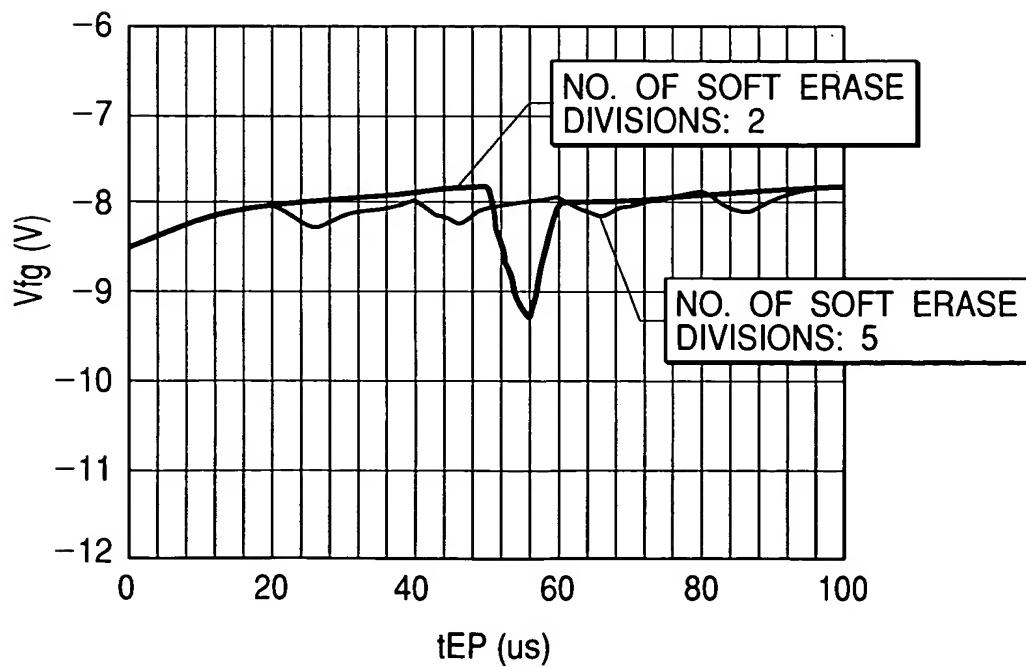


FIG. 21

